

Display Master: Key Ideas: Multiply by 10, 100, and 1,000

	Multiply by multiple of 10	Multiply by multiple of 100	Multiply by multiple of 1,000
Product ends in...	0	00	000
Strategy	Find the product of the first factor and the digit in the tens place of the second factor. Add one 0 at the end.	Find the product of the first factor and the digit in the hundreds place of the second factor. Add two 0s at the end	Find the product of the first factor and the digit in the thousands place of the second factor. Add three 0s at the end.
Example	$\underline{3} \times \underline{5}0 = \underline{15}0$	$\underline{3} \times \underline{5}00 = \underline{1,5}00$	$\underline{3} \times \underline{5,000} = \underline{15,000}$

Display Master: Multiples of 10 A

$\times 10$		$\times 20$		$\times 30$		$\times 40$		$\times 50$		$\times 60$		$\times 70$		$\times 80$		$\times 90$	
$\times 100$		$\times 200$		$\times 300$		$\times 400$		$\times 500$		$\times 600$		$\times 700$		$\times 800$		$\times 900$	
$\times 1,000$		$\times 2,000$		$\times 3,000$		$\times 4,000$		$\times 5,000$		$\times 6,000$		$\times 7,000$		$\times 8,000$		$\times 9,000$	

7

Display Master: Multiples of 10 B

7									
$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$	
70									
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$	
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$	

Display Master: Multiples of 10 C

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140							
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$

7

Display Master: Multiples of 10 D

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$

7

Display Master: Multiples of 100 A

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$

7

Display Master: Multiples of 100 B

7									
$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$	
70	140	210	280	350	420	490	560	630	
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$	
700									
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$	

Display Master: Multiples of 100 C

7									
$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$	
70	140	210	280	350	420	490	560	630	
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$	
700	1,400								
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$	

Display Master: Multiples of 100 D

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$

7

Display Master: Multiples of 1,000 A

7

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$

Display Master: Multiples of 1,000 B

7

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$
7,000								

Display Master: Multiples of 1,000 C

7

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$
7,000	14,000							

Display Master: Multiples of 1,000 D

7

$\times 10$	$\times 20$	$\times 30$	$\times 40$	$\times 50$	$\times 60$	$\times 70$	$\times 80$	$\times 90$
70	140	210	280	350	420	490	560	630
$\times 100$	$\times 200$	$\times 300$	$\times 400$	$\times 500$	$\times 600$	$\times 700$	$\times 800$	$\times 900$
700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
$\times 1,000$	$\times 2,000$	$\times 3,000$	$\times 4,000$	$\times 5,000$	$\times 6,000$	$\times 7,000$	$\times 8,000$	$\times 9,000$
7,000	14,000	21,000	28,000	35,000	42,000	49,000	56,000	63,000

Display Master: Conclusion

	Multiply by multiple of 10	Multiply by multiple of 100	Multiply by multiple of 1,000
Product ends in...	0	00	000
Strategy	Find the product of the first factor and the digit in the tens place of the second factor. Add one 0 at the end.	Find the product of the first factor and the digit in the hundreds place of the second factor. Add two 0s at the end	Find the product of the first factor and the digit in the thousands place of the second factor. Add three 0s at the end.
Example	$\underline{7} \times \underline{50} = \underline{350}$	$\underline{7} \times \underline{600} = \underline{4,200}$	$\underline{7} \times \underline{8,000} = \underline{56,000}$